

Attorney's Docket No.: 042390.P5358

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:) Art Unit: 2184
Woodruff, Robert J.)
Application No.: 09/116,310) Examiner: Ziemer, Rita A.
Filed: July 15, 1998)
For: METHOD AND APPARATUS)
FOR PERFORMING FIELD)
DIAGNOSTICS ON A)
COMPUTER SYSTEM)

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

REQUEST FOR CORRECTION OF FILING RECEIPT

Sir:

On September 10, 2001, we received the Replacement Filing Receipt in connection with the above-identified patent application (copy enclosed).

On March 25, 2002, we received a Notice of Allowance and Fee(s) Due (copy enclosed) which requests payment of the Issue and Publication Fees by June 25, 2002.

However, the following information needs to be corrected due to a PTO error regarding the spelling of the inventor's name. Please change:

FROM:

Applicant: ROBERT J. WOODDRUFF

TO:

Applicant: ROBERT J. WOODRUFF

I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office, tel. no. 703-578-6812, ATTN: Ms. Tony Hood, Quality Control Specialist, Publishing Division, in accordance with 37 CFR § 1.6(d), on the date shown below.

on May 23, 2002

Date of transmission

Beverly Kehoe Shea

Name of Person Faxing Correspondence

Signature

5/23/02

Date

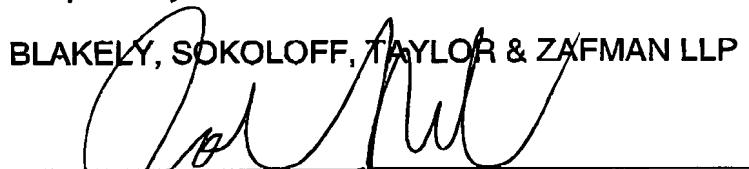
Please correct your records to reflect the above information and then forward to us a corrected filing receipt. Enclosed is a copy of the signed Declaration/Power of Attorney, a copy of the executed Assignment (which was recorded on July 15, 1998, at Reel 9325, Frame 0795), and a copy of the Replacement Filing Receipt marked with the appropriate correction.

If any fees are due, please charge Deposit Account 02-2666 (a duplicate of this transmittal is enclosed). If you have any questions, please contact the undersigned.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 5/22, 2002


John Patrick Ward
Reg. No. 40,216

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026

(408) 720-8300

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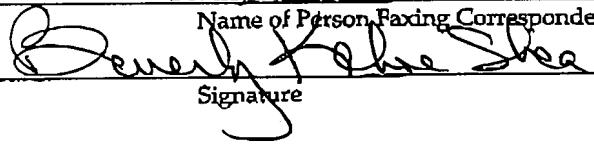
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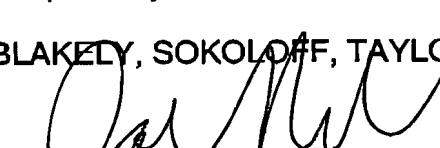
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Los Angeles, CA 90025-1026

(408) 720-8300

United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Robert J. Woodruff

Inventor's Signature Robert J. Woodruff Date 7/7/98

Residence Bank, Oregon Citizenship U.S.A.
(City, State) (Country)

Post Office Address 13983 N.W. Grandview Place
Bank, Oregon 97106

714

Data entry by : CURTIS, CHICQUITA

Team : 2100

Date: 09/04/2001



**LICENSE FOR FOREIGN FILING UNDER
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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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PLEASE NOTE the following Information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "Improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

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Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231



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United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 03/25/2002

JOHN P. WARD
BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BLVD
7TH FLOOR
LOS ANGELES, CA 90025

EXAMINER

ZIEMER, RITA A

ART UNIT

CLASS-SUBCLASS

2184

714-027000

DATE MAILED: 03/25/2002

APPLICATION NO.	FILED DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/116,310	07/15/1998	ROBERT J WOODDRUFF	042390.P5358	2420

TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING FIELD DIAGNOSTICS ON A COMPUTER SYSTEM

TOTAL CLAIMS	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
21	nonprovisional	NO	\$1280	\$300	\$1580	06/25/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fcc(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

COPY

Attorney's Docket No.: 042390.P5358PATENT

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION
(FOR INTEL CORPORATION PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR PERFORMING
FIELD DIAGNOSTICS ON A COMPUTER SYSTEM

the specification of which

X is attached hereto.

was filed on _____ as
United States Application Number _____
or PCT International Application Number _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)Priority
Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
			Yes	No
			Yes	No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

(Application Number)	Filing Date
(Application Number)	Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number)	Filing Date	(Status -- patented, pending, abandoned)
(Application Number)	Filing Date	(Status -- patented, pending, abandoned)

I hereby appoint Farzad E. Amini, Reg. No. P42,261; Aloysius T. C. AuYeung, Reg. No. 35,432; Amy M. Armstrong, Reg. No. P42,265; William Thomas Babbitt, Reg. No. 39,591; Jordan Michael Becker, Reg. No. 39,602; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; Gregory D. Caldwell, Reg. No. 39,926; Kent M. Chen, Reg. No. 39,630; Lawrence M. Cho, Reg. No. 39,942; Yong S. Choi, Reg. No. P43,324; Thomas M. Coester, Reg. No. 39,637; Roland B. Cortes, Reg. No. 39,152; Barbara Bokanov Courtney, Reg. No. P42,442; William Donald Davis, Reg. No. 38,428; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Tarek N. Fahmi, Reg. No. 41,402; James Y. Go, Reg. No. 40,621; Richard Leon Gregory, Jr., P42,607; Dinu Gruia, Reg. No. P42,996; David R. Halvorson, Reg. No. 33,395; Thomas A. Hassing, Reg. No. 36,159; Eric Ho, Reg. No. 39,711; Willmore F. Holbrow III, Reg. No. P41,845; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Dag H. Johansen, Reg. No. 36,172; William W. Kidd, Reg. No. 31,772; Tim L. Kitchen, Reg. No. P41,900; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. P42,879; Darren J. Milliken, P42,004; Thinh V. Nguyen, P42,034; Kimberley G. Nobles, Reg. No. 38,255; Michael A. Proksch, Reg. No. P43,021; Ronald W. Reagin, Reg. No. 20,340; Babak Redjaian, P42,096; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Anand Sethuraman, Reg. No. P43,351; Charles E. Shermwell, Reg. No. 40,171; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Allan T. Sponseller, Reg. No. 38,318; Steven R. Sponseller, Reg. No. 39,384; Geoffrey T. Staniford, P43,151; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. P42,179; Edwin H. Taylor, Reg. No. 25,129; George G. C. Tseng, Reg. No. 41,355; Lester J. Vincent, Reg. No. 31,460; John Patrick Ward, Reg. No. 40,216; Stephen Warhola, Reg. No. P43,237; Ben J. Yorks, Reg. No. 33,609; and Norman Zafman, Reg. No. 26,250; my attorneys; and Robert Andrew Diehl, Reg. No. 40,992; and Edwin A. Sloane, Reg. No. 34,728; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Joseph R. Bond, Reg. No. 36,458; Richard C. Calderwood, Reg. No. 35,468; Cynthia Thomas Faatz, Reg. No. 39,973; Sean Fitzgerald, Reg. No. 32,027; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Leo V. Novakoski, Reg. No. 37,198; Naomi Obinata, Reg. No. 39,320; Thomas C. Reynolds, Reg. No. 32,488; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Steven C. Stewart, Reg. No. 33,555; Raymond J. Werner, Reg. No. 34,752; and Charles K. Young, Reg. No. 39,435; my patent attorneys, and Jeffrey S. Draeger, Reg. No. 41,000; Thomas Raleigh Lane, Reg. No. P42,781; Calvin E. Wells, Reg. No. P43,256; and Alexander Ulysses Witkowski, Reg. No. P43,280; my patent agents, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to LAWRENCE M. CHO, BLAKELY, SOKOLOFF, TAYLOR &
(Name of Attorney or Agent)

ZAFMAN LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025 and
direct telephone calls to LAWRENCE M. CHO, (408) 720-8598.
(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

Title 37, Code of Federal Regulations, Section 1.56
Duty to Disclose Information Material to Patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

LMC

ENTR'D

OCT - 9 1998

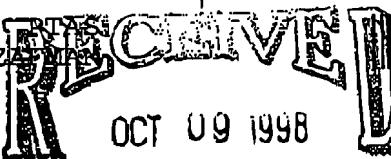
OCTOBER 03, 1998 STATUS DB-LA



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Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

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D
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
LAWRENCE M. CHO
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7TH FLOOR
LOS ANGELES, CA 90025



100774529A

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
LOS ANGELES

42390.P5358
Intel Corp.
BT

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION
OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

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SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/15/1998

REEL/FRAME: 9325/0795
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
WOODRUFF, ROBERT J.

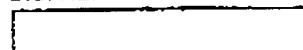
DOC DATE: 07/07/1998

ASSIGNEE:
INTEL CORPORATION
2200 MISSION COLLEGE BOULEVARD
SANTA CLARA, CALIFORNIA 95052SERIAL NUMBER: 09116310
PATENT NUMBER:FILING DATE: 07/15/1998
ISSUE DATE:MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED

OCT 12 1998

B.S.T.Z. DATABASE DEPT.



Each Inventor: Please Sign and Date Below:

<u>7/7</u> , 19 <u>98</u>	<u>Robert J. Woodruff</u>
Date	Name: Robert J. Woodruff
<u> </u> , 19 <u> </u>	Name: _____
Date	
<u> </u> , 19 <u> </u>	Name: _____
Date	
<u> </u> , 19 <u> </u>	Name: _____
Date	
<u> </u> , 19 <u> </u>	Name: _____
Date	
<u> </u> , 19 <u> </u>	Name: _____
Date	

**Each Inventor:
Please also list the
date that you
signed the
accompanying
DECLARATION
AND POWER OF
ATTORNEY:**

<u>7/7</u> , 19 <u>98</u>	Date
<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date

State of: _____ } Assignment Document Return Address:
 County of: _____ } } SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
 _____ } 12400 Wilshire Blvd., Seventh Floor
 _____ } Los Angeles, CA 90025-1026
 _____ } (408) 720-8598

On this _____ day of _____ 19_____, before me, _____,
 the undersigned Notary Public, personally appeared _____
 [] personally known to me [] proved to me on the basis of satisfactory evidence to
 be the person(s) whose name(s) _____ subscribed to the within instrument, and
 acknowledged that _____ executed it.
 WITNESS my hand and official seal.

 Notary's Signature

COPY

Attorney's Docket

ASSIGNMENT

PATENTNo.: 042390.P5358 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I _____
the undersigned, Robert J. Woodruff _____,

hereby sell, assign, and transfer to Intel Corporation _____

a corporation of Delaware _____, having a principal place of business at
2200 Mission College Blvd., Santa Clara, California 95052 _____, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the
United States and all foreign countries, in and to any and all improvements that are disclosed in
the application for the United States patent that has been executed by the undersigned prior
hereto or concurrently herewith on the dates indicated below and is entitled METHOD AND
APPARATUS FOR PERFORMING FIELD DIAGNOSTICS ON A COMPUTER SYSTEM _____

and in and to said application and all divisional applications, continuation applications, continued
prosecution applications, continuation-in-part applications, substitute applications, renewal
applications, reissue applications, reexaminations, extensions, and all other patent applications
that have been or shall be filed in the United States and all foreign countries on any of said
improvements; and in and to all original patents, reissued patents, reexamination certificates, and
extensions, that have been or shall be issued in the United States and all foreign countries on
said improvements; and in and to all rights of priority resulting from the filing of said United States
application;

agree that said Assignee may apply for and receive a patent or patents for said
improvements in its own name; and that, when requested, without charge to, but at the expense
of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith
the intent and purpose of this Assignment, the undersigned will execute all divisional
applications, continuation applications, continued prosecution applications, continuation-in-part
applications, substitute applications, renewal applications, reissue applications, reexaminations,
extensions and all other patent applications on any and all said improvements; execute all rightful
oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its
successors, assigns, and representatives all facts known to the undersigned relating to said
improvements and the history thereof; and generally assist said Assignee, its successors,
assigns, or representatives in securing and maintaining proper patent protection for said
improvements and for vesting title to said improvements, and all applications for patents and all
patents on said improvements, in said Assignee, its successors, assigns, and legal
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covenant with said Assignee, its successors, assigns, and legal representatives that no
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conveyed has been made to others by the undersigned, and that full right to convey the same
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